



\*\*FILE\*\* ID\*\*EVLIBRARY

```
0001 0 XTITLE 'EVLIBRARY Symbol Definition Library'
0002 0 !MODULE EVLIBRARY (
0003 0   LANGUAGE '(BLISS32),
0004 0   IDENT = 'V04-000'
0005 0   )
0006 0
0007 0 BEGIN
0008 0
0009 0 ****
0010 0 *
0011 0 * COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0028 0
0029 0 *
0030 0 ****
0031 0
0032 0
0033 0 ++
0034 0 FACILITY: DECnet Event Logging (EVL)
0035 0
0036 0 ABSTRACT:
0037 0
0038 0   Event Logging Library of Common Definitions
0039 0
0040 0 ENVIRONMENT: VAX/VMS Operating System
0041 0
0042 0 AUTHOR: Darrell Duffy , CREATION DATE: 15-June-1980
0043 0
0044 0 MODIFIED BY:
0045 0
0046 0   V001      TMH0001      Tim Halvorsen 25-Jun-1981
0047 0   Remove some obsolete definitions
0048 0 --
```

```
0049 0 %SBTTL 'Definitions'
0050 0
0051 0
0052 0 | Structure declarations used for system defined structures to
0053 0 | save typing. These structures are byte sized.
0054 0 | (Thanks to A. Goldstein)
0055 0
0056 0
0057 0 STRUCTURE
0058 0   BBLOCK [O, P, S, E; N] =
0059 0     [N]
0060 0     ((BBLOCK+0)<P,S,E>,
0061 0
0062 0   BBLOCKVECTOR [I, O, P, S, E; N, BS] =
0063 0     [N*BS]
0064 0     ((BBLOCKVECTOR+I*BS)+0)<P,S,E>
0065 0 :
0066 0
0067 0
0068 0
0069 0 | Macro to create a bit id value for net control qio macros
0070 0
0071 0 | SBITID
0072 0 (
0073 0 Component prefix LNI, NDI, OBI, DLI. ...
0074 0 Type of parameter V, L, S
0075 0 Identifier for bit
0076 0 )
0077 0
0078 0
0079 0 MACRO
M 0080 0   SBITID (COMP, TYP, ID) =
M 0081 0   (
M 0082 0     (%NAME (COMP, 'SC ', TYP, 'MASK') ) ^16 +
M 0083 0     (%BITPOSITION (%NAME (COMP, 'SV_', TYP, '_'), ID) ) )
M 0084 0   )
M 0085 0 %;
```

0086 0    %SBTTL 'Equated Symbols'

0087 0

0088 0

0089 0    ! EQUATED SYMBOLS:

0090 0

0091 0

0092 0    LITERAL

0093 0    TRUE                = 1,

0094 0    FALSE              = 0,

0095 0    SUCCESS           = 1;

0096 0    FAILURE          = 0;

0097 0

0098 0    !END

0099 0    !ELUDOM

0100 0  
0101 0 Version: 'V04-000'  
0102 0  
0103 0 \*\*\*\*\*  
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0122 0 \*  
0123 0 \* \*\*\*\*\*  
0124 0  
0125 0  
0126 0 ++  
0127 0  
0128 0 NMAHEAD.B32  
0129 0  
0130 0 Define SEQULST macro to make library from the NMALIBRY.B32 file  
0131 0  
0132 0 This source is taken from the following source:  
0133 0 --  
0134 0 ++  
0135 0  
0136 0 UTLDEF.B32 - UTILITY DEFINITION MACROS FOR BLISS PROCESSING  
0137 0 OF STARLET DEFINITION MACROS.  
0138 0 --  
0139 0  
0140 0  
0141 0  
0142 0  
0143 0 MACRO TO GENERATE EQULST CONSTRUCTS.  
0144 0  
M 0145 0 MACRO  
M 0146 0 SEQULST(P,G,I,S)[A]=  
M 0147 0 XNAME(P,GET1ST\_ A) =  
M 0148 0 XIF NUL2ND\_ A  
M 0149 0 XTHEN (I) ≠ %COUNT\*(S) ! ASSUMES I, S ALWAYS GENERATED BY CONVERSION PROGRAM  
M 0150 0 XELSE GET2ND\_ A  
M 0151 0 XFI %.  
M 0152 0  
M 0153 0 GET1ST\_(A,B)=  
M 0154 0 A-%  
M 0155 0 GET2ND\_(A,B)=  
M 0156 0 B-%. ! KNOWN NON-NULL

EVLIBRARY Symbol Definition Library  
Equated Symbols

C 5  
15-Sep-1984 23:02:50    VAX-11 Bliss-32 V4.0-742  
15-Sep-1984 22:44:05    \_\$255\$DUA28:[EVL.SRC]LIBHEAD.B32;1    Page 5  
(1)

: M 0157 0        NUL2ND (A,B)=  
: 0158 0        %NULL(B) %;  
: 0159 0  
: 0160 0  
: 0161 0        ! End of NMAHEAD  
: 0162 0

0163 0     .TITLE EVLDEF        Network Event Logger Definitions  
0164 0     .IDENT 'V04-000'

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0192 0     ++  
0193 0     FACILITY: DECnet-VAX Network Management Components  
0194 0     for Event Logging

0195 0     ABSTRACT:

0196 0     Common Definitions for Network Management Event Logging  
0197 0     These definitions are private to the EVL component.

0198 0     ENVIRONMENT: VAX/VMS Operating System

0199 0     AUTHOR: Darrell Duffy, Tim Halvorsen, 13-June-1980

0200 0     MODIFIED BY:

0201 0     V005 MKP0001 Kathy Perko 27-June-1984  
0202 0     Now that OPCOM can handle more than 256 bytes, increase  
0203 0     the length fields for opcom message from a byte to a word.

0204 0     V004 TMH0004 Tim Halvorsen 20-Jul-1983  
0205 0     Increase amount of storage allocated for event  
0206 0     transmitter NCB.

0207 0     V003 TMH0003 Tim Halvorsen 25-Jun-1981  
0208 0     Add two event flag symbols.

0209 0     V002 TMH0002 Tim Halvorsen 20-Nov-1980  
0210 0     Change definition of second byte of source data

0220 0 | structure in the filter database from a sink mask  
0221 0 | to a sink number (which is what NML is using).  
0222 0 |  
0223 0 | V001 TMH0001 Tim Halvorsen 17-Nov-1980  
0224 0 | Add descriptor of previous line output for  
0225 0 | console formatting routines.  
0226 0 |--

0227 0  
0228 0  
0229 0  
0230 0         ! General definitions  
0231 0  
0232 0  
0233 0  
0234 0  
0235 0  
P 0236 0         !...SEVLDEF  
P 0237 0  
P 0238 0  
P 0239 0  
P 0240 0  
P 0241 0         LITERAL  
P 0242 0         SEQULST (EVLSC\_GBL,0.1  
P 0243 0           ,(SYNCH\_EFN,1)  
P 0244 0           ,(ASYNC\_EFN,2)  
P 0245 0           ,(MAXEVTCNT,200)  
P 0246 0           ! Event flag used for synchronous I/O  
P 0247 0           ! Event flag used for asynchronous I/O  
P 0248 0           ! Maximum number of events in a queue  
P 0249 0           ! for the transmitter  
P 0250 0         ):  
P 0251 0  
P 0252 0  
P 0253 0  
P 0254 0  
P 0255 0         !...SEVTDEF  
P 0256 0  
P 0257 0  
P 0258 0  
P 0259 0  
P 0260 0  
P 0261 0  
P 0262 0  
P 0263 0  
P 0264 0  
P 0265 0  
P 0266 0  
P 0267 0  
P 0268 0         ! Processed event record structure  
P 0269 0  
P 0270 0  
P 0271 0  
P 0272 0  
P 0273 0  
P 0274 0  
P 0275 0  
P 0276 0  
P 0277 0  
P 0278 0  
P 0279 0  
P 0280 0  
P 0281 0  
P 0282 0  
P 0283 0  
P 0284 0  
P 0285 0  
P 0286 0  
P 0287 0  
P 0288 0  
P 0289 0  
P 0290 0  
P 0291 0  
P 0292 0  
P 0293 0  
P 0294 0  
P 0295 0  
P 0296 0  
P 0297 0  
P 0298 0  
P 0299 0  
P 0300 0  
P 0301 0  
P 0302 0  
P 0303 0  
P 0304 0  
P 0305 0  
P 0306 0  
P 0307 0  
P 0308 0  
P 0309 0  
P 0310 0  
P 0311 0  
P 0312 0  
P 0313 0  
P 0314 0  
P 0315 0  
P 0316 0  
P 0317 0  
P 0318 0  
P 0319 0  
P 0320 0  
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P 0322 0  
P 0323 0  
P 0324 0  
P 0325 0  
P 0326 0  
P 0327 0  
P 0328 0  
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P 0330 0  
P 0331 0  
P 0332 0  
P 0333 0  
P 0334 0  
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P 0337 0  
P 0338 0  
P 0339 0  
P 0340 0  
P 0341 0  
P 0342 0  
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P 0363 0  
P 0364 0  
P 0365 0  
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P 0445 0  
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P 0460 0  
P 0461 0  
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P 0463 0  
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P 0467 0  
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P 0469 0  
P 0470 0  
P 0471 0  
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P 0966 0  
P 0

0269 0  
0270 0  
0271 0  
0272 0  
0273 0  
0274 0  
0275 0  
0276 0  
0277 0  
0278 0  
0279 0  
0280 0  
0281 0  
0282 0  
0283 0  
0284 0  
0285 0  
0286 0  
0287 0  
0288 0  
0289 0  
0290 0  
0291 0  
0292 0  
0293 0  
0294 0  
0295 0  
0296 0

! Data block descriptor

!...SDBKDEF

MACRO	DBKSL_FL	= 0.0.32.0%	Forward link in queue
MACRO	DBKSL_BL	= 4.0.32.0%	Backward link in queue
MACRO	DBKSU_SIZE	= 8.0.16.0%	Size of structure
LITERAL	DBKSC_SIZE	= 10:	
LITERAL	DBKSX_SIZE	= 10:	

! Event Queue block

!...SEVQDEF

MACRO	EVQSL_FL	= 0.0.32.0%	Forward link
MACRO	EVQSL_BL	= 4.0.32.0%	Backward link
MACRO	EVQSW_SIZE	= 8.0.16.0%	Size of structure
MACRO	EVQSW_EVTSIZE	= 16.0.16.0%	Bytes in the event
MACRO	EVQST_EVENT	= 12.0.0.0%	Start of event data
LITERAL	EVQSC_SIZE	= 12:	
LITERAL	EVQSK_SIZE	= 12:	

0297 0  
0298 0  
0299 0  
0300 0  
0301 0  
0302 0  
0303 0  
0304 0  
0305 0  
0306 0  
0307 0  
0308 0  
0309 0  
0310 0  
0311 0  
0312 0  
0313 0  
0314 0  
0315 0  
0316 0  
0317 0  
0318 0  
0319 0  
0320 0  
0321 0  
0322 0  
0323 0  
0324 0  
0325 0  
0326 0  
0327 0  
0328 0  
0329 0  
0330 0  
0331 0  
0332 0  
0333 0  
0334 0  
0335 0  
0336 0  
0337 0  
0338 0  
0339 0  
0340 0  
0341 0  
0342 0  
0343 0  
0344 0  
0345 0  
0346 0  
0347 0  
0348 0  
0349 0  
0350 0  
0351 0  
0352 0  
0353 0

## Structures used in the event transmitter

## AST Parameter Control Block

## !...SASPDEF

MACRO	ASPSL_FL	= 0,0,32,0%;	! Forward link
MACRO	ASPSL_BL	= 4,0,32,0%;	! Backward link
MACRO	ASPSW_SIZE	= 8,0,16,0%;	Size of structure
MACRO	ASPSW_NETCHAN	= 16,0,16,0%;	: Channel to net device
MACRO	ASPSW_IOSB	= 12,0,16,0%;	: IO status block
MACRO	ASPSW_IOSB1	= 14,0,16,0%;	: Remainder of iosb
MACRO	ASPSL_IOSB2	= 16,0,32,0%;	
MACRO	ASPSL_ROUTINE	= 20,0,32,0%;	
MACRO	ASPST_DATA	= 24,0,0,0%;	
LITERAL	ASPSC_SIZE	= 24:	: address of routine to perform
LITERAL	ASPSK_SIZE	= 24:	: Data area address

Sink control block structure, provides the context for the outgoing logical links from the event transmitter.

## !...SSNKDEF

MACRO	SNKSL_FL	= 0,0,32,0%;	! Forward link
MACRO	SNKSL_BL	= 4,0,32,0%;	! Backward link
MACRO	SNKSW_SIZE	= 8,0,16,0%;	Size of structure
MACRO	SNKSW_NETCHAN	= 16,0,16,0%;	: Channel to net device
MACRO	SNKSW_IOSB	= 12,0,16,0%;	: IO status block
MACRO	SNKSW_IOSB1	= 14,0,16,0%;	: Remainder of iosb
MACRO	SNKSL_IOSB2	= 16,0,32,0%;	
MACRO	SNKSL_ROUTINE	= 20,0,32,0%;	
MACRO	SNKSL_SNKADR	= 24,0,32,0%;	
MACRO	SNKSL_SRCFL	= 28,0,32,0%;	
MACRO	SNKSL_SRCBL	= 32,0,32,0%;	
MACRO	SNKSL_EVTFL	= 36,0,32,0%;	
MACRO	SNKSL_EVTBL	= 40,0,32,0%;	
MACRO	SNKSW_EVTCNT	= 44,0,16,0%;	
MACRO	SNKSB_STATUS	= 46,0,8,0%;	
MACRO	SNKSV_STS_OPN	= 46,0,1,0%;	
LITERAL	SNKSM_STS_OPN	= 1^1 - 1^0;	! Link is open
MACRO	SNKSV_STS_BSY	= 46,1,1,0%;	
LITERAL	SNKSM_STS_BSY	= 1^2 - 1^1;	! Some action in progress
MACRO	SNKSV_STS_BKD	= 46,2,1,0%;	
LITERAL	SNKSM_STS_BKD	= 1^3 - 1^2;	! Back door in use
MACRO	SNKSV_STS_DEL	= 46,3,1,0%;	
LITERAL	SNKSM_STS_DEL	= 1^4 - 1^3;	! Delete on close
MACRO	SNKSV_STS_CLS	= 46,4,1,0%;	
LITERAL	SNKSM_STS_CLS	= 1^5 - 1^4;	! Close and delete
MACRO	SNKSV_STS_TMR	= 46,5,1,0%;	

EVLIBRARY Symbol Definition Library  
Equated Symbols

15-Sep-1984 23:02:50  
15-Sep-1984 23:01:58

VAX-11 Bliss-32 V4.0-742  
\_S255\$DUA28:LEVL.08J]EVLDEF.B32;1

Page 11  
(4)

0354 0	LITERAL	SNKSH_STS_TMR	= 1^6 - 1^5;	
0355 0				
0356 0	MACRO	SNKSB_SNKLOS	= 47,0,0,0%	
0357 0	MACRO	SNKSL_SNKLEN	= 48,0,32,0%	! Sink mask for lost events
0358 0	MACRO	SNKSA_SNKNCB	= 52,0,32,0%	! Descriptor of ncb
0359 0	MACRO	SNKST_SNKNCB	= 56,0,0,0%	
0360 0	LITERAL	SNKSS_SNKNCB	= 64;	
0361 0	LITERAL	SNKSC_SIZE	= 120;	! NCB of Link
0362 0	LITERAL	SNKSK_SIZE	= 120;	

0363 0  
0364 0  
0365 0  
0366 0  
0367 0  
0368 0  
0369 0  
0370 0  
0371 0  
0372 0  
0373 0  
0374 0  
0375 0  
0376 0  
0377 0  
0378 0  
0379 0  
0380 0  
0381 0  
0382 0  
0383 0  
0384 0  
0385 0  
0386 0  
0387 0  
0388 0  
0389 0  
0390 0  
0391 0  
0392 0  
0393 0  
0394 0  
0395 0  
0396 0  
0397 0  
0398 0  
0399 0  
0400 0  
0401 0

## Source descriptor block

!...\$SRCDEF  
MACRO SRC\$L\_FL = 0,0,32,0%;  
MACRO SRC\$L\_BL = 4,0,32,0%;  
MACRO SRC\$W\_SIZE = 8,0,16,0%;  
MACRO SRC\$B\_SNKTYPE = 16,0,8,0%;  
MACRO SRC\$B\_SRCTYP = 11,0,8,0%;  
MACRO SRC\$T\_SRCID = 12,0,0,0%;  
LITERAL SRC\$S\_SRCID = 18:  
MACRO SRC\$W\_FILTERS = 30,0,16,0%;  
MACRO SRC\$T\_FILTERS = 32,0,0,0%;  
LITERAL SRC\$C\_SIZE = 32:  
LITERAL SRC\$K\_SIZE = 32:

! Forward link  
! Backward link  
! Size of structure  
! Sink type  
! Source type code  
! Source name  
! Number of filters  
! Start of filters

## Filter descriptor

!...\$FLTDEF  
MACRO FLT\$W\_CLASS = 0,0,16,0%;  
MACRO FLT\$V\_CLASS = 0,0,9,0%;  
LITERAL FLT\$M\_CLASS = 1^9 - 1^0;  
MACRO FLT\$V\_WLDCOD = 0,16,2,0%;  
LITERAL FLT\$M\_WLDCOD = 1^16 - 1^14;  
MACRO FLT\$Q\_TYPESLOG = 4,0,0,0%;  
LITERAL FLT\$S\_TYPESLOG = 8:  
MACRO FLT\$Q\_TYPESFIL = 12,0,0,0%;  
LITERAL FLT\$S\_TYPESFIL = 8:  
LITERAL FLT\$C\_SIZE = 20:  
LITERAL FLT\$K\_SIZE = 20:

! Class of event  
! Class code  
! Wild card code  
! Type mask to log  
! Type mask to filter

```

0402 0
0403 0
0404 0
0405 0
0406 0
0407 0
0408 0
0409 0
0410 0
0411 0
0412 0
0413 0
0414 0
0415 0
0416 0
0417 0
0418 0
P 0419 0
P 0420 0
P 0421 0
P 0422 0
P 0423 0
P 0424 0
0425 0
0426 0
0427 0
P 0428 0
P 0429 0
P 0430 0
P 0431 0
0432 0
0433 0
0434 0
0435 0
0436 0
0437 0
0438 0
0439 0
0440 0
0441 0
0442 0
0443 0
0444 0
0445 0
0446 0
0447 0
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0449 0
0450 0
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0452 0
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0454 0
0455 0
0456 0
0457 0
0458 0

; Define structures used by the receiver

; Define sink type descriptor block

!...$SINKDEF

MACRO SINKSL_LINK = 0,0,32,0%; ! Queue links
MACRO SINKSL_BLINK = 4,0,32,0%; ! Type of sink
MACRO SINKSB_TYPE = 8,0,8,0%;

LITERAL SEQULST (SINKSC_GBL,0,1
    ,(ACTIVE,254) ! Active sink types
    ,(KNOWN,255) ! Known sink types
    ,(CONSOLE,1) ! Console sink
    ,(FILE,2) ! File sink
    ,(MONITOR,3) ! Monitor process sink
);;

MACRO SINKSB_STATE = 9,0,8,0%;

LITERAL SEQULST (SINKSC_.GBL,0,1
    ,(ON,) ! Sink is on
    ,(OFF,) ! Sink is off, ignore all events
    ,(HOLD,) ! Sink is holding all events until turned on
);;

MACRO SINKSW_EVENTS = 10,0,16,0%; ! Number of events on queue
MACRO SINKSL_EVTFL = 12,0,32,0%; ! Queue head of event data blocks
MACRO SINKSL_EVTL = 16,0,32,0%; ! Queue tail of event data blocks
MACRO SINKSB_FLAGS = 20,0,8,0%; ! Flags

MACRO SINKSV_DELETE = 20,0,1,0%; ! Indicates sink should be deleted when the
LITERAL SINKSM_DELETE = 1^1 - f^0; ! events queued for this sink are output
MACRO SINKSV_ERROR = 20,1,1,0%; ! "error" state! all events are ignored to
LITERAL SINKSM_ERROR = 1^2 - f^1; ! this sink until a data base change

MACRO SINKSW_MAXBUFSIZ = 22,0,16,0%; ! Maximum size of buffer (OPCOM monitor only)
MACRO SINKSW_BUflen = 24,0,16,0%; ! Bytes currently in buffer (OPCOM monitor only)
MACRO SINKSL_BUFFER = 26,0,32,0%; ! Address of buffer (OPCOM monitor only)
MACRO SINKSL_RAB = 30,0,32,0%; ! Address of RAB/FAB storage block (file only)
MACRO SINKSW_CHANNEL = 30,0,16,0%; ! Channel for I/O (monitor only)
MACRO SINKSL_CLOSERTN = 34,0,32,0%; ! Address of routine to perform close
; nonzero if sink has been initialized
MACRO SINKSW_IOSB = 38,0,16,0%; ! I/O status block specific to this sink
MACRO SINKSW_IOSB1 = 40,0,16,0%
MACRO SINKSL_IOSB2 = 42,0,32,0%
MACRO SINKSB_NAMELEN = 46,0,8,0%; ! Length of sink name string
MACRO SINKST_NAME = 47,0,0,0%; ! Sink name string
LITERAL SINKSS_NAME = 255;
LITERAL SINKSC_LENGTH = 302;

```

0459 0 LITERAL SINKSK\_LENGTH = 302; ! Length of sink descriptor block  
0460 0  
0461 0  
0462 0 ! Define incoming event channel context block  
0463 0 !  
0464 0  
0465 0 !...SIECDEF  
0466 0  
0467 0 MACRO IECSL\_LINK = 0.0.32.0%; ! Forward link  
0468 0 MACRO IECSL\_BLINK = 4.0.32.0%; ! Backward link  
0469 0 MACRO IECSW\_SIZE = 8.0.16.0%; ! Size of entire structure  
0470 0 MACRO IECSW\_CHAN = 16.0.16.0%; ! Network incoming channel number  
0471 0 MACRO IECSW\_IOSB = 12.0.16.0%;  
0472 0 MACRO IECSW\_IOSB1 = 14.0.16.0%;  
0473 0 MACRO IECSL\_IOSB2 = 16.0.32.0%;  
0474 0 MACRO IECSB\_NCBLEN = 20.0.8.0%; ! Length of NCB  
0475 0 MACRO IECST\_NCB = 21.0.0.0%; ! NCB for incoming link  
0476 0 LITERAL IECSS\_NCB = 64;  
0477 0 LITERAL IECSC\_MAXNCBLEN = 64;  
0478 0 MACRO IECST\_EVENT = 85.0.0.0%; ! Buffer for event record  
0479 0 LITERAL IECSS\_EVENT = 250;  
0480 0 LITERAL IECSC\_MAXEVTLLEN = 250;  
0481 0 LITERAL IECSC\_LENGTH = 335;  
0482 0 LITERAL IECSK\_LENGTH = 335; ! Fixed length of structure

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! Define the bits for controlling messages to the batch log
of the event processor.

!...SELGDEF

MACRO      ELGSV_DBUPDAT    = 0,0,1,0%:
LITERAL    ELGSM_DBUPDAT   = 1^1 - 1^0;
MACRO      ELGSV_SNKOPN    = 0,1,1,0%:
LITERAL    ELGSM_SNKOPN   = 1^2 - 1^1;
MACRO      ELGSV_RCVCCF    = 0,2,1,0%:
LITERAL    ELGSM_RCVCCF   = 1^3 - 1^2;
MACRO      ELGSV_MONOPN    = 0,3,1,0%:
LITERAL    ELGSM_MONOPN   = 1^4 - 1^3;
MACRO      ELGSV_RAWEVT    = 0,4,1,0%:
LITERAL    ELGSM_RAWEVT   = 1^5 - 1^4;
MACRO      ELGSV_QUEEVT    = 0,5,1,0%:
LITERAL    ELGSM_QUEEVT   = 1^6 - 1^5;
MACRO      ELGSV_RCVEVT    = 0,6,1,0%:
LITERAL    ELGSM_RCVEVT   = 1^7 - 1^6;

! Data base updates for transmit or receive
! Link to sink node opened
! Link confirmed by receiver
! Link opened to event monitor
! Text of raw event
! Text of event queued to sink
! Text of event received by receiver

! Counter descriptor list entry

!...SCTBDEF

MACRO      CTBSW_PCODE     = 0,0,16,0%:
MACRO      CTBSW_OFFSET     = 2,0,16,0%:
MACRO      CTBSB_WIDTH      = 4,0,8,0%:
MACRO      CTBSB_ADDQ       = 5,0,8,0%:
MACRO      CTBSW_BITMAP     = 6,0,16,0%:

LITERAL    CTBSC_SIZE      = 8;
LITERAL    CTBSK_SIZE      = 8;

! Parameter code for counter
! Offset in counter block
! Width of counter in bits
! True for accumulate counter
! Bitmap mask for this counter

! Total size of structure

! Line id conversion table entry

!...SVDLDEF               ! VMS to DNA Line table

MACRO      VDLSA_VMS       = 0,0,32,0%:
MACRO      VDLSA_DNA        = 4,0,32,0%:
MACRO      VDLSB_TYP        = 8,0,8,0%:

! Address of vms name counted string
! Address of dna name counted string
! Type mask for

```

EVLIBRARY Symbol Definition Library  
Equated Symbols

N 5  
15-Sep-1984 23:02:50  
15-Sep-1984 23:01:56  
VAX-11 Bliss-32 V4.0-742  
\_S255\$DUA28:[EVL.OBJ]EVLDEF.B32;1

Page 16  
(7)

0540 0	MACRO	VDL\$V_PNT	= 8,0,1,0%;	
0541 0	LITERAL	VDL\$M_PNT	= 1^1 - 1^0;	! point to point lines
0542 0	MACRO	VDL\$V_MUX	= 8,1,1,0%;	
0543 0	LITERAL	VDL\$M_MUX	= 1^2 - 1^1;	! multiplexed lines
0544 0	MACRO	VDL\$V_MPT	= 8,2,1,0%;	
0545 0	LITERAL	VDL\$M_MPT	= 1^3 - 1^2;	! multipoint lines
0546 0				
0547 0	MACRO	VDL\$B_COEF	= 9,0,8,0%;	
0548 0			! Unit = vms unit / coef	
0549 0			! trib = vms unit mod coef	
0550 0	LITERAL	VDL\$C_SIZE	= 10:	
0551 0	LITERAL	VDL\$K_SIZE	= 10:	! size of structure
0552 0				
0553 0				
0554 0				
0555 0	!			
0556 0	IOSB fields			
0557 0	!			
0558 0	!...\$IOSBDEF			
0559 0				
0560 0	MACRO	IOSB\$W_STS	= 0,0,16,0%;	
0561 0	MACRO	IOSB\$W_CNT	= 2,0,16,0%;	! Primary status
0562 0	MACRO	IOSB\$W_STS2	= 4,0,16,0%;	Normally size of transfer
0563 0	MACRO	IOSB\$W_STS3	= 6,0,16,0%;	! Secondary status
0564 0	LITERAL	IOSB\$C_SIZE	= 8:	! Tertiary status
0565 0	LITERAL	IOSB\$K_SIZE	= 8:	
0566 0				
0567 0				
0568 0				
0569 0	!			
0570 0	End of EVLDEF.MDL			

0571 0  
0572 0 Version: 'V04-000'  
0573 0  
0574 0  
0575 0  
0576 0 \* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY  
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0593 0  
0594 0  
0595 0 \*  
0596 0  
0597 0 ++  
0598 0 NMATAIL.B32  
0599 0  
0600 0 Source to undeclare the macros required for the precompile of  
0601 0 NMALIBRY.B32 so they do not appear in the library.  
0602 0 --  
0603 0  
0604 0  
0605 0 UNDECLARE %QUOTE SEQULST,  
0606 0 %QUOTE GET1ST\_,  
0607 0 %QUOTE GET2ND\_,  
0608 0 %QUOTE NUL2ND\_  
0609 0 ;  
0610 0  
0611 0  
0612 0 | End of NMATAIL.B32  
0613 0

## COMMAND QUALIFIERS

BLISS/LIBRARY=LIBS:EVLIBRARY/LIST=LIS\$:EVLIBRARY SRCS:EVLIBRARY+SRCS:LIBHEAD+LIBS:EVLDEF+SRCS:LIBTAIL

: Run Time: 00:05.8  
: Elapsed Time: 00:10.2  
: Lines/CPU Min: 6308

: Lexemes/CPU-Min: 32531  
: Memory Used: 46 pages  
: Library Precompilation Complete

0156 AH-BT13A-SE  
VAX/VMS V4.0

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